

DRILLING RIG INVENTORY

Rig Number: 777
Make & Model: Loadcraft HRI-1000
Year Manufactured: 2009 Type: Mobile Drilling Rig Telescoping Double
Maximum Depth Rating with 4-1/2" 16.6 ppf Drill pipe: 12,000'
Rotary Drive: Type and Size, Speed Range (rpm): Hacker 22" 0-150 RPM
Approximate number of loads to move rig: 20

Drawworks:
Main Drum:
Hydromatic Brake: 224DDR Cable Size: 1 1/8 Number of Clutches: 2
Make & Model: Loadcraft Industries

Sand Drum: N/A Cable Size: N/A Cable Length: N/A

Engines: Make & Model: 2- Cat C-15 576hp Each

Derrick:
Manufacturer: Loadcraft Height: 116' Weight Capacity: 410,000
Maximum Number of Lines: 10 Last Inspection Date: 2/29/12

Top Drive:
Manufacturer: TESCO Description: HMI-250
Capacity: 250 Tons 475hp Power Package

Iron Roughneck:
Manufacturer: N/A Model: N/A

Substructure:
Height and Capacity: 14' 6" Rotary Beam Cap. 408,000 Set Back Cap 225,000
Height above base of substructure to underside of rotary beams: 11'6"
Windbreak on substructure: Yes No

Traveling Blocks:
Make & Model: TFI YG 180 Weight Capacity: 190 Ton Number of Lines: 10

Elevators: Make & Model: AOT American Oil Tool 4 1/2

Catwalk: Length & Height: 4' wide x 45' long x 3' 6" high

Pipe Racks: Length & Height: 2 x 29' 2" length 3' 8" tall, 2 x 20' length x 2' 10" tall, 1 x 27' 3" length x 3' 5" tall

Pipe Baskets: Quantity: 7 Type: Hydraulic Capacity: 60 joints of 4-1/2 pipe; 80 joints of 3-1/2 pipe

Drill Pipe: Size, Amounts, Connections, Grade: 3 1/2 - IF S-135; 4 1/2 - XH E
Last inspection date & footage since last inspected: current

Drill Collars: (Minimum quantity required for running manufactures maximum weight on bit for each hole size)
Size (O.D. x I.D.): 6 1/4, 6 1/2 x 2 1/4 Number: 20
Last inspection date & footage since last inspected: current

Pumps: Make, Model, Input HP: HRS F-1000 Qty. 2 (TWO)1,000hp
Engine Make & Model: Caterpillar Model 3508
Liner Size and Stroke Length: 6 1/2 x 10' stroke
Max. Continuous Operating Pressure: 3,000 lbs
Pump Speed (spm): 140

Steel Mud Pit: Tank - 47" length
Dimensions: 6' 8" TALL X 10' WIDE X 56' LONG Capacity: 450 BBLS Number of Compartments: 5
Shale Shaker Make & Model: Derrick Model 503
Charge Pump Make & Model: Mission 1-7/8 pedestal 5x6

BOP's: Make & Model: Townsend LWS Double Hydraulic Size: 11"
Pressure Rating: 3000 PSI Date of Last Inspection: current

Rotating Head: Make & Model: Williams Rotating
Estimated cost for stripping rubber: \$1350.00

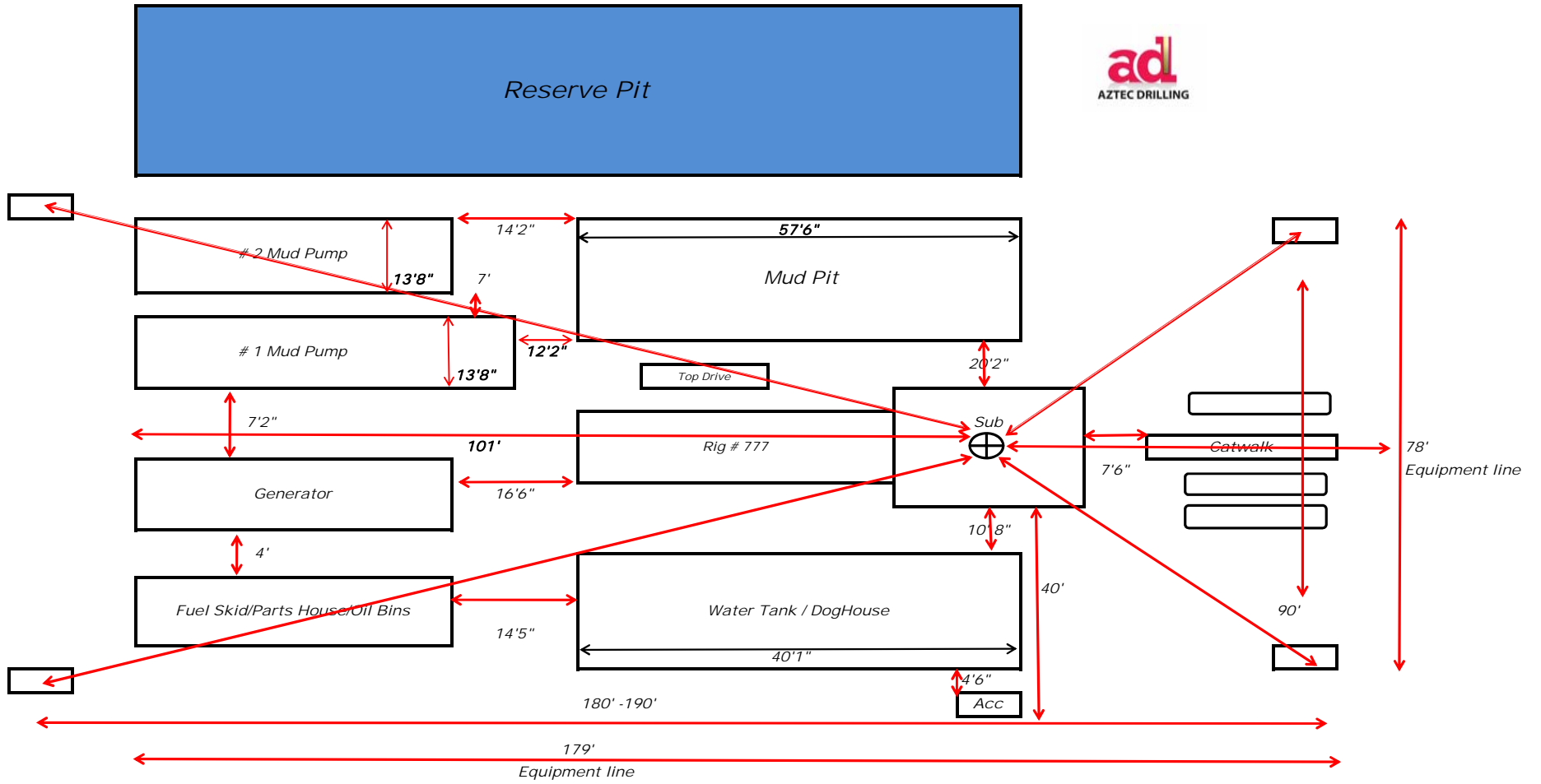
Accumulator:
Make & Model: Burnsco-Bison
Capacity of Hydraulic Fluid: 250
Number of Stations: 5 Number of Pressure Bottles: 8
Hydraulic Pressure Source: 650 Triplex Cat Pump
Electric Motor: TEXP HE xplosion High efficiency
Gas/Diesel Engine: _____
Air/Hydraulic Pump: Air 88550
Date of Last Inspection: Current

Choke Manifold:
Valves:
Make & Model: JMP 3"
Pressure Rating & Size: 5000 PSI size 3 1/8
Date of Last Inspection: Current

Chokes:
Make & Model: PO8RS Seal gate 2" Type: Adj. & Positive
Pressure Rating & Size: 5000 psi size 2 1/16
Date of Last Inspection: Current

Light Plant:
Voltage, Amperage, Watts: 240 volts, 480 volts 385kw
Engine Make & Model: Caterpillar Model C-15

Drilling Recorder:
Make & Model: Pason Electronic Drilling Recorder
Chart Type: 12 Hour 24 Hour



Rig 777 Foot Print